

FORD ANALYTICAL LABORATORIES

CERTIFICATE OF ANALYSIS

DATE: 05/02/91

JUMBO MINING CO.
ATTN: ED KING
6305 FERN SPRG. COVE
AUSTIN, TX 78730

91-005663

SAMPLE: WATER SAMPLES RECEIVED 4-15-91 FOR ANALYSIS STARTING AT
4 P.M.

	MH-2	MH-7	MH-8	MH-17
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ARSENIC AS TOT MG/L EPA206.2	.018	.093	.015	.012
BARIUM, BA TOT. MG/L EPA200.7	.059	.191	.076	.014
BICARBONATE, HCO ₃ MG/L FLM201	148	172	<.1	155
CADMIUM CD TOT MG/L EPA213.1	<.005	<.005	<.005	<.005
CALCIUM AS CA MG/L EPA 200.7	1,943.20	2,011.60	1,647.20	998.80
CARBONATE AS CO ₃ MG/1 FLM201	<.10	<.10	<.10	<.10
CHLORIDE, CL MG/L EPA 352.2	4,920	4,600	3,720	3,080
CHROMIUM CR TOT MG/L EPA218.1	.020	.240	<.010	.020
COND. UMHOS/CM EPA 120.1	14,570	14,510	20,100	11,250
COPPER CU TOT MG/L EPA220.1	.021	.029	.020	<.006
CYANIDE CN TOT.MG/L EPA 335.2	.34	.17	.21	.55
IRON, FE (TOT) MG/LEPA 236.1	15.500	81.200	11.300	11.000
LEAD PB TOT. MG/L EPA 239.1	<.100	.310	<.100	.280
MAGNESIUM AS MG MG/L EPA200.7	679.60	775.80	408.00	446.60

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is reserved pending our written approval as a mutual protection to clients, the public and ourselves.

CERTIFICATE OF ANALYSIS

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	MH-2	MH-7	MH-8	MH-17
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MERCURY, HG MG/L EPA 245.1	.0010	<.0002	<.0002	.0006
POTASSIUM AS K MG/L EPA 200.7	5.30	2.04	3.33	1.42
SELENIUM SE TOT MG/L EPA270.2	<.006	<.006	<.006	<.006
SILVER AG TOT MG/L EPA 272.1	<.007	<.007	<.007	<.007
SODIUM AS NA MG/L EPA 200.7	678.40	382.40	702.20	1,401.40
SULFATE, SO4 MG/L EPA 375.2	1,500	980	1,710	2,130
TOT.DIS.SOLIDS MG/L EPA 160.1	11,508	10,622	9,730	8,196
ZINC AS ZN TOT MG/L EPA 289.1	.950	.768	.144	.658

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	MH-19	MH-24	MH-25	MH-28
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ARSENIC AS TOT MG/L EPA206.2	.013	.100	.055	.022
BARIUM, BA TOT. MG/L EPA200.7	.112	.154	.090	.089
BICARBONATE, HCO ₃ MG/L FLM201	115	207	163	184
CADMIUM CD TOT MG/L EPA213.1	.013	<.005	<.005	<.005
CALCIUM AS CA MG/L EPA 200.7	2,169.80	281.00	938.00	668.20
CARBONATE AS CO ₃ MG/L FLM201	<.10	<.10	<.10	<.10
CHLORIDE, CL MG/L EPA 352.2	7,150	466	2,060	1,030
CHROMIUM CR TOT MG/L EPA218.1	.020	.280	.110	.030
COND. UMHOS/CM EPA 120.1	20,300	3,510	9,590	5,270
COPPER CU TOT MG/L EPA220.1	.054	.051	.015	.011
CYANIDE CN TOT.MG/L EPA 335.2	.03	<.01	<.01	<.01
IRON, FE (TOT) MG/L EPA 236.1	13.600	79.600	33.600	12.800
LEAD PB TOT. MG/L EPA 239.1	<.100	<.100	<.100	<.100
MAGNESIUM AS MG MG/L EPA200.7	819.60	122.40	349.40	233.40
MERCURY, HG MG/L EPA 245.1	<.0002	<.0002	.0005	.0004
POTASSIUM AS K MG/L EPA 200.7	2.34	1.23	.45	1.54
SELENIUM SE TOT MG/L EPA270.2	<.006	<.006	<.006	<.006

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	MH-19	MH-24	MH-25	MH-28
-----	-----	-----	-----	-----
SILVER AG TOT MG/L EPA 272.1	<.007	<.007	<.007	<.007
SODIUM AS NA MG/L EPA 200.7	1,591.40	345.00	658.40	376.80
SULFATE, S04 MG/L EPA 375.2	1,550	882	1,690	1,205
TOT.DIS.SOLIDS MG/L EPA 160.1	24,802	2,480	7,044	3,966
ZINC AS ZN TOT MG/L EPA 289.1	.459	.468	.422	.399

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FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

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	MH-33	MH-34
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ARSENIC AS TOT MG/L EPA206.2	.037	.012
BARIUM, BA TOT. MG/L EPA200.7	.079	.039
BICARBONATE, HCO ₃ MG/L FLM201	175	175
CADMIUM CD TOT MG/L EPA213.1	<.005	<.005
CALCIUM AS CA MG/L EPA 200.7	802.40	772.80
CARBONATE AS CO ₃ MG/1 FLM201	<.10	<.10
CHLORIDE, CL MG/L EPA 352.2	2,500	2,780
CHROMIUM CR TOT MG/L EPA218.1	.090	.030
COND. UMHOS/CM EPA 120.1	10,850	11,570
COPPER CU TOT MG/L EPA220.1	.040	<.006
CYANIDE CN TOT.MG/L EPA 335.2	.27	.44
IRON, FE (TOT) MG/L EPA 236.1	32.700	10.700
LEAD PB TOT. MG/L EPA 239.1	<.100	<.100
MAGNESIUM AS MG MG/L EPA200.7	329.40	342.00
MERCURY, HG MG/L EPA 245.1	<.0002	.0008
POTASSIUM AS K MG/L EPA 200.7	<.20	.25
SELENIUM SE TOT MG/L EPA270.2	<.006	<.006

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MH-33

MH-34

	MH-33	MH-34
SILVER AG TOT MG/L EPA 272.1	<.007	<.007
SODIUM AS NA MG/L EPA 200.7	1,160.00	1,275.40
SULFATE, SO4 MG/L EPA 375.2	2,110	2,160
TOT.DIS.SOLIDS MG/L EPA 160.1	7,890	8,296
ZINC AS ZN TOT MG/L EPA 289.1	.295	.241


FORD ANALYTICAL LABORATORIES

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CHEMICAL AND BACTERIOLOGICAL ANALYSIS

CERTIFICATE OF ANALYSIS

DATE: 05/02/91

90-005663-01

FORD ANALYTICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (1) MH-2

C A T I O N S

	MG/L	MEQ/L
CALCIUM AS CA MG/L EPA 200.7	1943.200	96.966
MAGNESIUM AS MG MG/L EPA200.7	679.600	55.897
SODIUM AS NA MG/L EPA 200.7	678.400	29.510
POTASSIUM AS K MG/L EPA 200.7	5.300	.136

A N I O N S

	MG/L	MEQ/L
CARBONATE AS CO3 MG/L FLM201	.000	.000
BICARBONATE, HCO3 MG/L FLM201	148.000	2.427
SULFATE, SO4 MG/L EPA 375.2	1500.000	31.230
CHLORIDE, CL MG/L EPA 352.2	4920.000	138.793

B A L A N C E I N F O R M A T I O N

CATIONS:	182.509
ANIONS:	172.450
TOTAL:	354.959
DIFFERENCE:	10.059
SIGMA:	.028

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CERTIFICATE OF ANALYSIS

DATE: 05/02/91

90-005663-02

FORD ANALYTICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (2) MH-7

C A T I O N S

	MG/L	MEQ/L
CALCIUM AS CA MG/L EPA 200.7	2011.600	100.379
MAGNESIUM AS MG MG/L EPA 200.7	775.800	63.810
SODIUM AS NA MG/L EPA 200.7	382.400	16.634
POTASSIUM AS K MG/L EPA 200.7	2.040	.052

A N I O N S

	MG/L	MEQ/L
CARBONATE AS CO3 MG/L FLM201	.000	.000
BICARBONATE, HCO3 MG/L FLM201	172.000	2.821
SULFATE, SO4 MG/L EPA 375.2	980.000	20.404
CHLORIDE, CL MG/L EPA 352.2	4600.000	129.766

B A L A N C E I N F O R M A T I O N

CATIONS:	180.875
ANIONS:	152.991
TOTAL:	333.866
DIFFERENCE:	27.884
SIGMA:	.083

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FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

CERTIFICATE OF ANALYSIS

DATE: 05/02/91

90-005663-03

FORD ANALYTICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (3) MH-8

CATIONS

	MG/L	MEQ/L
CALCIUM AS CA MG/L EPA 200.7	1647.200	82.195
MAGNESIUM AS MG MG/L EPA200.7	408.000	33.558
SODIUM AS NA MG/L EPA 200.7	702.200	30.546
POTASSIUM AS K MG/L EPA 200.7	3.330	.085

ANIONS

	MG/L	MEQ/L
CARBONATE AS CO3 MG/1 FLM201	.000	.000
BICARBONATE, HCO3 MG/L FLM201	.000	.000
SULFATE, SO4 MG/L EPA 375.2	1710.000	35.602
CHLORIDE, CL MG/L EPA 352.2	3720.000	104.941

BALANCE INFORMATION

CATIONS:	146.384
ANIONS:	140.543
TOTAL:	286.927
DIFFERENCE:	5.841
SIGMA:	.020

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FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

CERTIFICATE OF ANALYSIS

DATE: 05/02/91

90-005663-04

FORD ANALYTICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (4) MH-17

CATIONS

	MG/L	MEQ/L
CALCIUM AS CA MG/L EPA 200.7	998.800	49.840
MAGNESIUM AS MG MG/L EPA200.7	446.600	36.733
SODIUM AS NA MG/L EPA 200.7	1401.400	60.961
POTASSIUM AS K MG/L EPA 200.7	1.420	.036

ANIONS

	MG/L	MEQ/L
CARBONATE AS CO3 MG/1 FLM201	.000	.000
BICARBONATE, HCO3 MG/L FLM201	155.000	2.542
SULFATE, SO4 MG/L EPA 375.2	2130.000	44.347
CHLORIDE, CL MG/L EPA 352.2	3080.000	86.887

BALANCE INFORMATION

CATIONS:	147.570
ANIONS:	133.776
TOTAL:	281.346
DIFFERENCE:	13.794
SIGMA:	.049

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FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

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90-005663-05

FORD ANALYTICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (5) MH-19

CATIONS

	MG/L	MEQ/L
CALCIUM AS CA MG/L EPA 200.7	2169.800	108.273
MAGNESIUM AS MG MG/L EPA200.7	819.600	67.412
SODIUM AS NA MG/L EPA 200.7	1591.400	69.226
POTASSIUM AS K MG/L EPA 200.7	2.340	.060

ANIONS

	MG/L	MEQ/L
CARBONATE AS CO3 MG/1 FLM201	.000	.000
BICARBONATE, HCO3 MG/L FLM201	115.000	1.886
SULFATE, SO4 MG/L EPA 375.2	1550.000	32.271
CHLORIDE, CL MG/L EPA 352.2	7150.000	201.702

BALANCE INFORMATION

CATIONS:	244.971
ANIONS:	235.859
TOTAL:	480.830
DIFFERENCE:	9.112
SIGMA:	.018

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FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

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DATE: 05/02/91

90-005663-06

FORD ANALYTICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (6) MH-24

CATIONS

	MG/L	MEQ/L
CALCIUM AS CA MG/L EPA 200.7	281.000	14.022
MAGNESIUM AS MG MG/L EPA200.7	122.400	10.067
SODIUM AS NA MG/L EPA 200.7	345.000	15.008
POTASSIUM AS K MG/L EPA 200.7	1.230	.031

ANIONS

	MG/L	MEQ/L
CARBONATE AS CO3 MG/1 FLM201	.000	.000
BICARBONATE, HCO3 MG/L FLM201	207.000	3.395
SULFATE, SO4 MG/L EPA 375.2	882.000	18.363
CHLORIDE, CL MG/L EPA 352.2	466.000	13.146

BALANCE INFORMATION

CATIONS:	39.128
ANIONS:	34.904
TOTAL:	74.032
DIFFERENCE:	4.224
SIGMA:	.057

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CERTIFICATE OF ANALYSIS

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FORD ANALYTICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (7) MH-25

C A T I O N S

	MG/L	MEQ/L
CALCIUM AS CA MG/L EPA 200.7	938.000	46.806
MAGNESIUM AS MG MG/L EPA200.7	349.400	28.738
SODIUM AS NA MG/L EPA 200.7	658.400	28.640
POTASSIUM AS K MG/L EPA 200.7	.450	.012

A N I O N S

	MG/L	MEQ/L
CARBONATE AS CO3 MG/L FLM201	.000	.000
BICARBONATE, HCO3 MG/L FLM201	163.000	2.673
SULFATE, SO4 MG/L EPA 375.2	1690.000	35.186
CHLORIDE, CL MG/L EPA 352.2	2060.000	58.113

B A L A N C E I N F O R M A T I O N

CATIONS:	104.196
ANIONS:	95.972
TOTAL:	200.168
DIFFERENCE:	8.224
SIGMA:	.041

FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

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FORD ANALYTICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (8) MH-28

CATIONS

	MG/L	MEQ/L
CALCIUM AS CA MG/L EPA 200.7	668.200	33.343
MAGNESIUM AS MG MG/L EPA200.7	233.400	19.197
SODIUM AS NA MG/L EPA 200.7	376.800	16.391
POTASSIUM AS K MG/L EPA 200.7	1.540	.039

ANIONS

	MG/L	MEQ/L
CARBONATE AS CO3 MG/1 FLM201	.000	.000
BICARBONATE, HCO3 MG/L FLM201	184.000	3.018
SULFATE, SO4 MG/L EPA 375.2	1205.000	25.088
CHLORIDE, CL MG/L EPA 352.2	1030.000	29.056

BALANCE INFORMATION

CATIONS:	68.970
ANIONS:	57.162
TOTAL:	126.132
DIFFERENCE:	11.808
SIGMA:	.093

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FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

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90-005663-09

FORD ANALYTICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (9) MH-33

CATIONS

	MG/L	MEQ/L
CALCIUM AS CA MG/L EPA 200.7	802.400	40.040
MAGNESIUM AS MG MG/L EPA200.7	329.400	27.093
SODIUM AS NA MG/L EPA 200.7	1160.000	50.460
POTASSIUM AS K MG/L EPA 200.7	.000	.000

ANIONS

	MG/L	MEQ/L
CARBONATE AS CO3 MG/1 FLM201	.000	.000
BICARBONATE, HCO3 MG/L FLM201	175.000	2.870
SULFATE, SO4 MG/L EPA 375.2	2110.000	43.930
CHLORIDE, CL MG/L EPA 352.2	2500.000	70.525

BALANCE INFORMATION

CATIONS:	117.593
ANIONS:	117.325
TOTAL:	234.918
DIFFERENCE:	.268
SIGMA:	.001

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CERTIFICATE OF ANALYSIS

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FORD ANALYTICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (10) MH-34

C A T I O N S

	MG/L	MEQ/L
CALCIUM AS CA MG/L EPA 200.7	772.800	38.563
MAGNESIUM AS MG MG/L EPA200.7	342.000	28.130
SODIUM AS NA MG/L EPA 200.7	1275.400	55.480
POTASSIUM AS K MG/L EPA 200.7	.250	.006

A N I O N S

	MG/L	MEQ/L
CARBONATE AS CO3 MG/1 FLM201	.000	.000
BICARBONATE, HCO3 MG/L FLM201	175.000	2.870
SULFATE, SO4 MG/L EPA 375.2	2160.000	44.971
CHLORIDE, CL MG/L EPA 352.2	2780.000	78.424

B A L A N C E I N F O R M A T I O N

CATIONS: 122.179
 ANIONS: 126.265
 TOTAL: 248.444
 DIFFERENCE: 4.086
 SIGMA: .016

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CHEMICAL AND BACTERIOLOGICAL ANALYSIS

CERTIFICATE OF ANALYSIS

DATE: 05/02/91

JUMBO MINING CO.
ATTN: ED KING
6305 FERN SPRG. COVE
AUSTIN, TX 78730

91-005664

SAMPLE: WATER AMPLES RECEIVED 4-15-91 FOR ANALYSIS STARTING AT
4 P.M.

	WELL WATER	BUSBY SPRINGS
-----	-----	-----
ARSENIC AS TOT MG/L EPA206.2	<.003	<.003
BARIUM, BA TOT. MG/L EPA200.7	.023	.048
BICARBONATE, HCO ₃ MG/L FLM201	205	153
CADMIUM CD TOT MG/L EPA213.1	<.005	<.005
CALCIUM AS CA MG/L EPA 200.7	89.81	212.80
CARBONATE AS CO ₃ MG/L FLM201	<.10	<.10
CHLORIDE, CL MG/L EPA 352.2	845	915
CHROMIUM CR TOT MG/L EPA218.1	<.010	<.010
COND. UMHOS/CM EPA 120.1	3,310	4,770
COPPER CU TOT MG/L EPA220.1	.012	.009
CYANIDE CN TOT.MG/L EPA 335.2	<.01	<.01
IRON, FE (TOT) MG/L EPA 236.1	.180	.190
LEAD PB TOT. MG/L EPA 239.1	<.100	<.100
MAGNESIUM AS MG MG/L EPA200.7	67.12	2.00

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	WELL WATER	BUSBY SPRINGS
-----	-----	-----
MERCURY, HG MG/L EPA 245.1	<.0002	<.0002
POTASSIUM AS K MG/L EPA 200.7	.84	2.05
SELENIUM SE TOT MG/L EPA 270.2	<.006	<.006
SILVER AG TOT MG/L EPA 272.1	<.007	<.007
SODIUM AS NA MG/L EPA 200.7	512.40	721.20
SULFATE, SO4 MG/L EPA 375.2	135	355
TOT.DIS.SOLIDS MG/L EPA 160.1	1,852	2,298
ZINC AS ZN TOT MG/L EPA 289.1	.032	<.005


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90-005664-01

FORD ANALYTICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (1) WELL WATER

C A T I O N S	MG/L	MEQ/L
CALCIUM AS CA MG/L EPA 200.7	89.810	4.482
MAGNESIUM AS MG MG/L EPA 200.7	67.120	5.521
SODIUM AS NA MG/L EPA 200.7	512.400	22.289
POTASSIUM AS K MG/L EPA 200.7	.840	.021

A N I O N S	MG/L	MEQ/L
CARBONATE AS CO3 MG/L FLM201	.000	.000
BICARBONATE, HCO3 MG/L FLM201	205.000	3.362
SULFATE, SO4 MG/L EPA 375.2	135.000	2.811
CHLORIDE, CL MG/L EPA 352.2	845.000	23.837

B A L A N C E I N F O R M A T I O N

CATIONS:	32.313
ANIONS:	30.010
TOTAL:	62.323
DIFFERENCE:	2.303
SIGMA:	.036

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FORD ANALYTICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (2) BUSBY SPRINGS

C A T I O N S	MG/L	MEQ/L
CALCIUM AS CA MG/L EPA 200.7	212.800	10.619
MAGNESIUM AS MG MG/L EPA200.7	2.000	.165
SODIUM AS NA MG/L EPA 200.7	721.200	31.372
POTASSIUM AS K MG/L EPA 200.7	2.050	.052
A N I O N S	MG/L	MEQ/L
CARBONATE AS CO3 MG/1 FLM201	.000	.000
BICARBONATE, HCO3 MG/L FLM201	153.000	2.509
SULFATE, SO4 MG/L EPA 375.2	355.000	7.391
CHLORIDE, CL MG/L EPA 352.2	915.000	25.812

B A L A N C E I N F O R M A T I O N

CATIONS:	42.208
ANIONS:	35.712
TOTAL:	77.920
DIFFERENCE:	6.496
SIGMA:	.083

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FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

CERTIFICATE OF ANALYSIS

DATE: 05/02/91

JUMBO MINING CO.
ATTN: ED KING
6305 FERN SPRG. COVE
AUSTIN, TX 78730

91-005655

SAMPLE: WATER SAMPLES RECEIVED 4-12-91 FOR ANALYSIS STARTING AT
4:30 P.M.

	MH-3	MH-23	MH-40	MH-44
-----	-----	-----	-----	-----
ARSENIC AS TOT MG/L EPA206.2	.055	.019	.032	.080
BARIUM, BA TOT. MG/L EPA200.7	.063	.041	.153	.208
BICARBONATE, HCO3 MG/L FLM201	233	156	168	185
CADMIUM CD TOT MG/L EPA213.1	<.005	<.005	<.005	<.005
CALCIUM AS CA MG/L EPA 200.7	1,612.50	299.80	1,288.80	1,087.50
CARBONATE AS CO3 MG/L FLM201	<.10	<.10	<.10	<.10
CHLORIDE, CL MG/L EPA 352.2	3,440	610	2,820	3,000
CHROMIUM CR TOT MG/L EPA218.1	.040	.030	.040	.200
COND. UMHOS/CM EPA 120.1	10,950	3,840	11,520	11,470
COPPER CU TOT MG/L EPA220.1	.029	.016	.037	.077
IRON, FE (TOT) MG/L EPA 236.1	18.400	10.800	20.100	64.200
LEAD PB TOT. MG/L EPA 239.1	.210	.140	<.100	<.100
MAGNESIUM AS MG MG/L EPA200.7	509.60	193.20	458.60	343.50
MERCURY, HG MG/L EPA 245.1	<.0002	<.0002	.0005	.0004

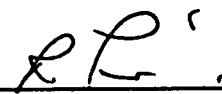
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CERTIFICATE OF ANALYSIS

PAGE: 2

91-005655

	MH-3	MH-23	MH-40	MH-44
-----	-----	-----	-----	-----
POTASSIUM AS K MG/L EPA 200.7	5.52	3.31	4.23	5.64
SELENIUM SE TOT MG/L EPA 270.2	<.006	<.006	<.006	<.006
SILVER AG TOT MG/L EPA 272.1	<.007	<.007	<.007	<.007
SODIUM AS NA MG/L EPA 200.7	265.10	354.90	846.10	1,255.20
SULFATE, SO4 MG/L EPA 375.2	1,400	986	2,020	1,760
TOT.DIS.SOLIDS MG/L EPA 160.1	9,398	2,766	8,394	8,656
ZINC AS ZN TOT MG/L EPA 289.1	.645	.570	.324	.810


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FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

CERTIFICATE OF ANALYSIS

DATE: 05/02/91

90-005655-01

FORD ANALYTICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (1) MH-3

C A T I O N S	MG / L	MEQ / L
CALCIUM AS CA MG/L EPA 200.7	1612.500	80.464
MAGNESIUM AS MG MG/L EPA200.7	509.600	41.915
SODIUM AS NA MG/L EPA 200.7	265.100	11.532
POTASSIUM AS K MG/L EPA 200.7	5.520	.141
A N I O N S	MG / L	MEQ / L
CARBONATE AS CO3 MG/L FLM201	.000	.000
BICARBONATE, HCO3 MG/L FLM201	233.000	3.821
SULFATE, SO4 MG/L EPA 375.2	1400.000	29.148
CHLORIDE, CL MG/L EPA 352.2	3440.000	97.042

B A L A N C E I N F O R M A T I O N

CATIONS:	134.052
ANIONS:	130.011
TOTAL:	264.063
DIFFERENCE:	4.041
SIGMA:	.015

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FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

CERTIFICATE OF ANALYSIS

DATE: 05/02/91

90-005655-03

FORD ANALYTICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (3) MH-40

C A T I O N S	MG/L	MEQ/L
CALCIUM AS CA MG/L EPA 200.7	1288.800	64.311
MAGNESIUM AS MG MG/L EPA200.7	458.600	37.720
SODIUM AS NA MG/L EPA 200.7	846.100	36.805
POTASSIUM AS K MG/L EPA 200.7	4.230	.108
A N I O N S	MG/L	MEQ/L
CARBONATE AS CO3 MG/L FLM201	.000	.000
BICARBONATE, HCO3 MG/L FLM201	168.000	2.755
SULFATE, SO4 MG/L EPA 375.2	2020.000	42.056
CHLORIDE, CL MG/L EPA 352.2	2820.000	79.552

B A L A N C E I N F O R M A T I O N

CATIONS: 138.944
ANIONS: 124.363
TOTAL: 263.307
DIFFERENCE: 14.581
SIGMA: .055

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FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

CERTIFICATE OF ANALYSIS

DATE: 05/02/91

90-005655-04

FORD ANALYTICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (4) MH-44

C A T I O N S	MG/L	MEQ/L
CALCIUM AS CA MG/L EPA 200.7	1087.500	54.266
MAGNESIUM AS MG MG/L EPA 200.7	343.500	28.253
SODIUM AS NA MG/L EPA 200.7	1255.200	54.601
POTASSIUM AS K MG/L EPA 200.7	5.640	.144
A N I O N S	MG/L	MEQ/L
CARBONATE AS CO3 MG/L FLM201	.000	.000
BICARBONATE, HCO3 MG/L FLM201	185.000	3.034
SULFATE, SO4 MG/L EPA 375.2	1760.000	36.643
CHLORIDE, CL MG/L EPA 352.2	3000.000	84.630

B A L A N C E I N F O R M A T I O N

CATIONS: 137.264
ANIONS: 124.307
TOTAL: 261.571
DIFFERENCE: 12.957
SIGMA: .049

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